



भारत का राजपत्र

(Hie (Daxette of India)

प्राधिकार से प्रकाशित

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NEW DELHI, SATURDAY, AUGUST 7.0, 1997 (BHADRA 8, 1919)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be used as a separate compilation]

भाग III—खण्ड 2

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पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

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कलकत्ता, १८वां अगस्त 1997

पेटेंट कार्यालय के कार्यालयों के पर्से एवं अधिकारी

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, विल्ली एवं चेन्नई में हसके जाता कार्यालय है, जिनके पावरेंसिक अधिकारी जोन के आधार पर निम्न रूप में प्रवर्णित हैः—

पेटेंट कार्यालय शास्त्रा, टोडी प्लॉट, तीसरा तल, लोअर परले (प.), मुम्बई-400013.

गृजरात, महाराष्ट्र, मध्य प्रदेश तथा गांधी राज्य केन्द्र एवं संघ कासित केन्द्र, दमन तथा दीव एवं बावर और नगर हबली।

तार पता - "पेटेंटफिल"

पेटेंट कार्यालय शास्त्रा, एक सं. 401 से 405, तीसरा तल, नगरपालिका बाजार भवन, सरस्वती भार्ग, करोल बाग, मुम्बई विल्ली-110 005.

हीरायाणा, हिमाचल प्रदेश, अमृत तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश तथा विल्ली राज्य केन्द्र एवं संघ कासित केन्द्र चंडीगढ़।

तार पता - "पेटेंटोफिल"

CORRIOENDLJM

Under the heading "Parent Sealed" in the Gazette of India, Part-IH, Sec-2, dated 28th Feb, 1997, notified on 27th March, 1997 in respect of the application for Patent No. 176741 (204/Mis/90), the date at filing of the Complete Specification to be noted dated 20th May, 1986 in – oC 19th March, 1930.

APPLICATION FOR PATENT FILHO AT THE HEAD OFFICE 234/4, ACHARYA JAGARISH BOSF. ROAD, CALCUTTA-20.

The dates shown in the account bracketed are the intended claimed under section 135, of Patent Act, 1970.

15-07-1997

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विंग "मी" (सी 4, ए),

तीसरा तल, राजाजी भवन,

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गोव, प्रदेश, कोटिक, केंल, तर्मसनाह-

नाथा विल्ली राज्य केन्द्र एवं

संघ नामित केन्द्र, लक्षद्वीप, दिनिकाय

भवा एमिलिविल्ली द्वीप।

तार पता - "पेटेंटफिल"

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निजाम पैलेस, दिवतीय बहुतलीय कार्यालय

भवन, 5, 6 तथा 7वां तल,

234/4, आचार्य जगरीश भोस बाग,

कलकत्ता-700 020.

भारत का अवधीष केन्द्र।

तार पता - "पेटेंटस"

पेटेंट अधिकारी, 1970 या पेटेंट नियम, 1972 में अनियंत्रित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयोग कार्यालय में ही प्राप्त किए जाते हैं।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयोग कार्यालय में नियंत्रक को भुगतान योग्य भनावेश अथवा आक आवेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अन्सूचित बैंक से नियंत्रक को भुगतान योग्य बैंक अक्सर अथवा चौक द्वारा की जा सकती है।

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(O46//M&S/97 Dr. C. K. Rajkunisr. Slow swelling isab-
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1047/M<is/97 Pr. C. K. Rtrjkunny***. ^'h^erlnl Uculm;nt
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JO48/Mas;y7 Alusaasio Ttchunlopy & M,iiing.mcnl Ltd.
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1U89/Mas/97. Analogic Corporation. Quadrature transverse CT detection system. (June 27, 1996 United State* of America).

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1095/Mas/97. Tirex America, Inc., Cryouciic tire <.lis:i:e;ra tion process and appra'us.

CJhL^NGh OK ADDRESS

The Address of service in iespoot of Shri Chakrapani Mishra, a patent attotney is changed ,is follows :—

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Fori, Muinbai-IOOOOI

COMPLETE SPECIFICATION ACCEPTBD

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The classifications triven below in respect of each speelilcation are according to Indian Classification mid International Classification..

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स्थीकृत सम्पूर्ण विनियोग

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेट अनुदान के विरोध करने के इच्छुक कोइर्द्वयित, इसके निर्गम की तिथि से चार (4) महीने या अधिक एंसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने को अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उग्रुक्त कायालिय में एंसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिपित वक्तव्य उक्त सूचना के साथ अथवा पेटेट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्यक्ष विनियोग के मंदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुलूप हैं।”

पूर्णांकन (चित्र आरेख) की फांटों प्रतियां विविहित की अवधि कायालिय, कलकत्ता अधिकार उपायक शास्त्र कायालिय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कायालिय से पथ व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवायारी पर की जा सकती है। विनियोग की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनियोग के सामने नीचे वर्णित चित्र आरेख कारणों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) प्रत्येक विनियोग प्रभार का परिकलन किया जा सकता है।

Int. Cl. ; 18 7E a: XI (2)
Int. Cl. : H04 R 23/00.

179HI

INTERNATIONAL TIME INDICATING SYSTEM.

Applicant & Inventor : RAVINDRA KRISHNAJI PATEWARDHAN, DHANANJAY VISNU MARDHEKAR RAJEEV SUKVAKXNI PANDIT.

Application No. 1/Bom/1994 JUED Jan 7, 1994.

Appropriate Office for Opposition Procactjlnas CRulu 4, Patent Rules, 1972) Patent Office Branch, MumTai-4OO(OI3.

14 Claims

An international time indicating system in telephone IIN for automatically displaying a specific time date of a called place, said international time indicating system in telephone comprising;

date entry means 102 for entering or adjusting information subscribe! dialing access, code, local country code, local area local time, local date, international access codes, national subscriber dialing access code, l&cil coutiiy cuile, locl area code if necessary, a problematic indicator if specific country or area codes that cover two time zones, and for entering a telephone number sequence associates with a called place which may include telephone code information comprising an internal iorul access code or i,:i:onil subscriber flin ling access »Je, called country cmle and/oi possible called area code;

storage means 120 .& 118 tor pre-storin>, tinn'zone offsets of country and area codes associated \Mth plows which may be called throughout the world, the (.fleets defined with respect to a reference time zone;

microprocessing means 104 for calculating i called time and date by determining the difference in time between the imc zone of a local place of a caller and a time zone of a caied place, and then offsetting the difference in time to the local time in order to determine the called time;

a local time display 12 for automatically displaying locul information comprising a caller's local Urn:, locnl dite and international access code or lutionil snbscribr dialing access code, lo^al country code, and a possible local area code;

a remote time display 14 for automatically displaying locul information comprising a called time and a called date associated with the destination of a phone cillc is 'toon ,is ;li- lelephorti: code information is entered; and

light enittig or Jiph reflecti*i* means for d:::plying lime, date and telephone code infoirniiion on tli." iipjioprile 1OL:1 and remote time displays.

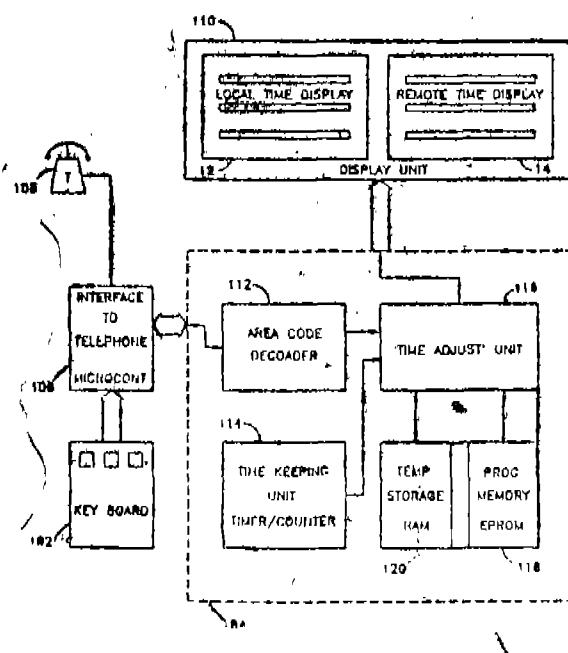


FIG. 8

Ind. Cl. : 206 E, Or. [LXIII]

67 C, Or. [U (2)]

Int. Cl. : G 07 C - 9/00, 1/20

179112

ON-LINE ELECTRONIC MONITORING SYSTEM FOR CLASSIFICATION AND ANALYSIS OF MACHINE TIME UTILISATION AND PRODUCTION/PROCESS STATUS FOR DIFFERENT MACHINES.

Applicant : SR. DIRECTOR, DEPARTMENT-OF ELECTRONICS, GOVERNMENT OF INDIA, OF ELECTRONICS NIKETAN 6, C. G. O. COMPLEX, NEW DELHI 110 003, INDIA.

Inventor.i :

- (1) MANSUKHLAL HANSRAJ OHINGAM
- (2) JAYAVANT SHANTILAL PARAIYA
- (3) MONSINKH RATNA PRABHU.

Patent Application No. 187/Bom/93 filed on 15-06-1993,

Date of filing Complete after prov^ional Specification : J2-09-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patcnt Rules 1972), Patent Office Branch, Mumbai-13.

10 Claims

An on-line electronic, monitoring system for classification and analysis of machine time utilisation and production/ process status for different machines, comprising (i) transducers a-d related conditioning circuitry, such as herein described with reference to Figs. 1 (A) (i), 1 (A) (ii) and 1 (f) of the accompanying drawing!, to generate appropriately conditioned on/off or pulse train signals, depending on machine time utilisation and/or production/process stain-, of different circuit, such as herein described with [esfrence to Figs. 1 (C) and 2 of the accompanying drawings, for initiating the combination of the numerous signals, so serr.Tdied and fed as input thereto, and for classifying the production staats." (iii) a central microprocessor/controller circuitry, such as herein described with rcferece to Fig 1 (C) of the accompanying drawings, to which the output of the logical matrix is fed, for building programmed intelligence, and (iv) output provisions to the central microprocessor/controller circuitry with desired options, such as herein described, with reference to Fig. 1 (CO of the accompan3ing drawings.

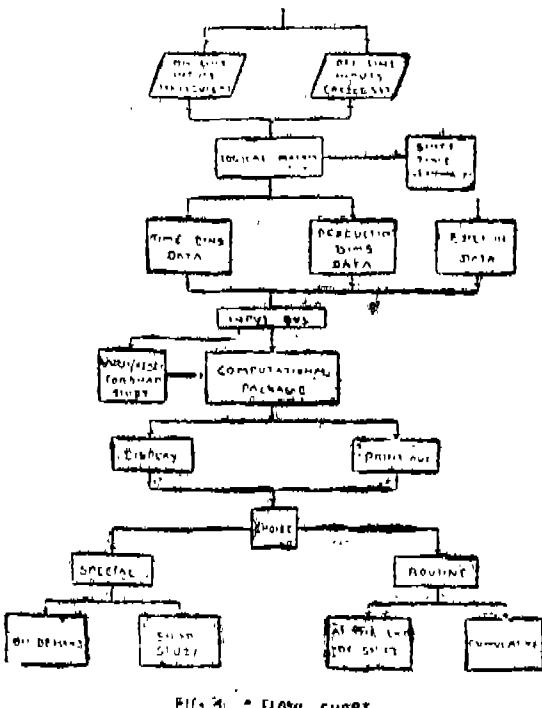


FIG. 9 Flow chart

Thtl. a. : 139 (LVTI)

179113

Int. n. : A fil K-7/42.

A process for preparing a composition (<.iiitable tor topien) application lo human skin.

Applicants : HINDUSTAN LKWR LTD., HINDUSIAN
T FVpR HOUSE, 165/166, BACKBAY pT-r1 AMATTON,
L.O.fBA^400 H20 MAHARASHTRA, JNOM

Invnfor. ; (I) UJVF RODERICK HASHING
(Z) CAROL INI: MARIAN I I F
(.1) IAN RTPMANn SCOT!

Application No. 30K Hom '3 Hied, on iV-J-W (iB Priority-
dale 300-93.

Appropriate Office for Opposition Proceedings (Rule 4,
PaWnt Rules. 1972 < Patent Office Branch, Mnmbui-400 013.

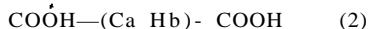
7 Claims

A process for preparing a composition suitable lor topical application to human skin in order to promote repair of prioto^lainnged skid and/or to reduce or prevent the damaging effects of ultra-violet light on skin and/or to li<hten the skir^, which composition comprises;

(i) an effective amount of from 0.01 to 10% by weight of iclinol or a derivative thereof having the structure (1);

where X represents H or-COR 1 where RI represents u group chosen from buinched or imbranched, alkyl or nlenenyl group¹: having in average of from 1 to 20 enron atoms; rind

(ii) an effective amount of from 0.1 to 30% by weight of a dioic acid having the general structure (?)



Where a is an integer of from G to 20 and b is an integer from f to 40.

Comp, Spt-Cii. 38 pujje*,'

Drwnu- Nil.)

Ind. Cl. : 54 fXfV (3)1;
13 C rXL (1)1;
143 Da, Di. Di.

179114:

Int. Cl. : 47 G-19/16, B IS B 24 04.

INFUSION PACKETS.

AbpUcanK : HINDUSTAN LEVER LTD., HINDUSTAN, LEVER HOUSE, 165/166, BACKFAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, JNDIA.

Inventor : PETRUS: WII HFLMUS MARIA VAN HIR
^ON.

ApplioPtior, No. 323/Bom/193 Hied on Ool. 1943.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Ilraneh, Mumbai-400 013.

K Claims

^i) infusion piikL comprising b jimir of supeiihposcd compamniuts joined nt opposite tndz of the packet, the join M. one. of taid end! comprisinj w folded region lyiii(t between the compartments and projecline towHnis th^ o:W sai-1 end, the jpacket further comprising a thread havinr cud frtions attached to the compnrtment a' or adjacent said other end, and : an intermediate portion located in the folded region of the packet between the compartments, the thread being dis-

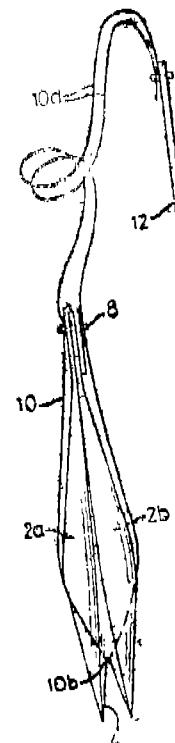


Fig 2

placeable in said attachment means by applying tension to the end portions tu contract the packet.

'(CompJ. ^peen. 9 I'lges;

Drgn^, 3 sheet*)

.ind. Cl. : 170 B Gr. [XI. Til (4)1

179115

Int. Cl. : C 11 DA HQ 3 W

DFTEUCJFNr COMPOSITION.

Applicant, : HINDUSTAN LEVER LTD., HINDUSTAN, LEVER HOUSE, 165/166, BACK BAY RECLAMATION, BOMBAY-400 020, MAHKRASHTRA, INDIA.

Inveaior : PHTLTP RICHARD NORMAN EYMOND

Appliniton No. 343/Bom/Q1 tiled on 26-10-^3.

'Priority dnt: 27 10-92 U.K

Appropriate OKicc for Oppo'jiion Proteeing* (Rule 4, PaWnt Rules 1972) Patent Office Branch, Mnmbai-400 013.

Chiiin

A determent composition in semi-solid form comprising (a)

(a) 10% to 45% by weiyhl of iiun-suap detergent active;

(h) ?, "%, to lQ'h by weight of water-soluble salts, nt Iwtut some of which are detergency builders; and

(o) IS^h tn H7% by weight of water,

charaaFTM.-d in that the composition shows a pH m the r;inge f.nom.7.0 to QM \vh-ji mixci with (leioniised wiater at a w.-i^hi vjatio of composition : watei¹ of 1:99 and allowed to dissolve as compleieicly is possible al a tvnperature of 20°C, opioonnUy conipriwug one or more insredienitN selected from 1—15 % by weight ol vvattr inwlnble material, 0.5—\$% by w.^;ht of hydrotrpa and 2—15% by weight of alkali metal sulphite, bisulphite or meta-bisulphite.

("Compl Specn. 17 pages;

DTE- Nil.)

Ind-Cl. : 3* K GR |U1
ISO GR flXVT mi

179116

Int: Cl. : A 61 K-7/16 •
C 1 B-33/LS7.

PKCES5 FOR THE PREPARATION OF AN AMORPHOUS PRECIPITATED SILICA.

Applicants : HINDUSTAN LEVTR LTD., HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400022, MAHARASHTRA, INP

Jnvcnfm> : (1) DERIJK AIDCT01T.
(2) POI'R WILLIAM STANIER.

Application No., 354. Born'93 filed.on 20-10-^

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule*, 1972) Patent Office Branch, Mumbai-400 013.

1 Claim

Process for the preparation of an amorphous precipitated silica having,

(i) a B.E.T. surface area in the range from about 10 to about 90 m* g⁻¹,

(if) m. weight mean particle size in the range from 5 to about 15 microns, with less than 15% of the weight particle size distribution greater than 20 microns and less than 5% greater than 25 microns.

(iii) a plastics abrasion value in the range from about 16 to about 26,

(iv) transmission of at least about 70% in the refractive index range of 1.430 to 1.443,

(v) MH oil absorption in the range from about 70 to about 150 cm²/g.

by reacting an alkali (M) in a silicate solution with ratio SiO₂ : M₂O in the 3.0 to 3.5 in the presence of an electrolyte, preferably sodium chloride, where the ratio of Na₂O/SiO₂ is between 1:12 and 1:4, with a mineral acid such that the pH is in the range from about 8.5 to about 10 and the silica concentration at the end of the primary acid addition is from about 6.0 to about 8.0 w/w, at a temperature from about 80 to about 100°C, ageing this slurry for about 10 to 50 minutes, adding a secondary amount of dilute mineral acid until the pH is in the range 2 to 5 to ensure complete neutralisation of the alkali containing silica solution, filtering, neutralisation of the alkali containing silica solution, filtering, washing and drying the product obtained,

(Oopl, Specn. : 24 pages; Dirwng". Nil.)

Int. Cl. : C 48 B 37/00

179117

Ind. Cl. : 32 E flX.(l).

A PROCESS FOR PREPARING A MODIFIED POLYSACCHARIDE GRAFT.

Applicant: HINDUSTAN EVER LTD., HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) PERINCHERRY ARAVINDA CHAN.
(2) VELAYUDHAN NAIR GOPA KUMAR.

Application No. 10S/Bom 1994 filed-on March 22, 1994.

Coraplete after provisional left May 12, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office Branch, Mumbai-400 013,

Claim

A process for preparing hydrolyzed polyaccharide graft copolymer complex which comprises the steps of:

(i) subjecting polysaccharide such as hemicellulose to graft copolymerization with at least one vinyl monomer;

(ii) treating the graft copolymer with polyethylene glycol to provide a polymer PRO complex;

(iii) receiving the PEG complex.

(Conip. Specn. 40 pages; Jivirjg. JVUJ

Ind. Cl. : 98 I

1791ft

Int. Cl. : F 24 J 2/12

THIN REFLECTOR PLATES FOR CONCENTRATING SOLAR ENERGY.

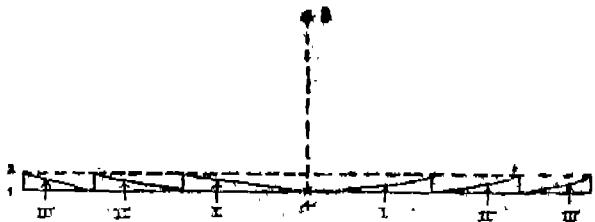
Applicant : SUDHIR VISHNU FANSJE, 33, AMEER MANSOOR JAY PRAKASH NAGAR, PAHADI SCHOOL ROAD, GOREGAON (E), BOMBAY-400063, MAHARASHTRA, INDIA.

Application No. 210/Bom/1984 filed May 13, 1994.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972) Patent Office Branch, Mumbai-13.

Claim

Thin reflector plates for concentrating solar energy comprising at least one plate of any desired thickness, preferably small with substantially a flat base and an upper side consisting of plurality of reflecting surfaces which are like inverted saw tooth type, said reflecting surfaces being formed in confocal and co-axial parabolae, having a common focal point within operational distance and the said plate having been mounted on a rotating mount.



(Complete Specification 6 Pages;

Drawings 3 Sheets)

Ind. Cl. : 123 [I (u)]

179U

Int. Cl. : A 01 N—63/02, C07 O-99/02

AN IMPROVED PROCESS FOR MANUFACTURING MINERAL CHELATES OF AMINO ACIDS IN POWDER FORM FOR SOIL APPLICATION.

Applicant & Inventor : DR. RAJENDRA YASHWANT ANGLE OF 2, LARISSA, 396-B, OFP, S. TEMPLE ROAD, JAMAIKAI, BOMBAY-400 016, MAHARASHTRA INDIA, AN INDIAN NATIONAL,

Application No. 294/Bom/94 filed on 29-06-1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office Branch, Mumbai-13.

3 Claims

(1) An improved process for manufacturing mineral chelates of amino acids in powder form for soil application comprising the steps as under :

(a) casein is mixed with water in stainless steel reactor and treated with alkali to maintain PH 7.5 to 8.5,

(b) the casein in step A is treated with enzyme pancreatin to get protein hydrolysate solution.

(c) the hydrolysate solution of pfolein thus obtained in step B is further treated with hydrochloric acid to terminate the further hydrolysis at PH 3 to 4.5;

(d) the protein hydrolytato solution of step C ii treated wun minemi sulphate at P*i* 4.1 to 4.5 ana surrea alcast tor 1 Jir. at room temperature to set the mineral uielates.

(c) the mineral chelates thus obtained in step D is siowly mixed with bone acid with stirring to obtain the mineral cnelates of ammo acia which is Uned under vacume to get powder foim ready to use.

(Complete specification : 9 Pages; Drawing : 1 Sheet)

Ind. Cl. : 55 E4

179120

Int. Cl. : A 61 K, 9/20

A PROCESS FOR THE PREPARATION OF CONTROLLED KULEAiE FORMULA HOiNS OF RAMITI-ipNB.

Applicants : J. B. CHEMICALS & PHARMACEUTICAL LiD, "NhELAM CENTRE" "B' WINO. 4TH JLUOR, HIND CrCLE ROAD, WORLI, MUMBAI-WOWS, MAHARASHTRA, INDIA-

Inventors : SHIRISH BHAGWANLAL MODY, DR-JUAJHUKANT MANSUKHLAL DOSHI, DA MILIND 1>AJTARAYA TOSHI.

Application No. 16/Bom/1995 filed—Jan 11, 1995.

Appropriate office for opposition proceeding* (Rule 4, Vzcm Rules, 1972) Patent Office Branch, Bombay-400 013.

15 Claims

A process for the preparation of an oral pharmaceutical formulation of Ranitidine Hydrochloride in tablet or capsule form by suitably processing a blend of UiertpeuH-cally effective poncentration of Ranitidine Hydroclouondp, specified polymers, excipients and solvents to obtain ihc desired pharmaceutical formulations in a tablet or tarjiule form; said specified polymer being selected from the group consisting of alkyl celluloses, hydroxymeihykelluloHe, hydroxypropylcellulose, hydroxypioplymethylcellulose, sodium cafoxymethylceLulose, polyvinylpyrrolidone, polyethylene filycol, polymethacrylute copolymers, and mixture thereof, ejad specified polymer being included in the said formulation taken in quantity equivalent to about 0.2 to about 1.2 times the weight of said Ranitidine Hydrbchloride takett said oral pharmaceutical formula.itn designed to provide a minimum effective concentration of Ranitidine hydrochloride fr a sustained period of at least about 12 hours.

(Complete Specification 16 Pages; Drawings Nil)

Cl. : 172 C 4

179121

Int. Cl.-: D 01 H 1/00, 5/00. F 16 D 1/00

"A SHAFT COUPLING FOR BOTTOM CYLINDERS OF DRAFTING UNITS ON SPINNINGS MACHINES."

Applicant : SPINDELFABRIK " SUSSEN, SCHURR, STAHLCKER & GRILL GMBH., OF DAMMSTRASSE 1, 7334 SUSSEN, FRG.

Inventors : 1. HANS STAHLCKER 2. GERHARD FETZER.

Application No. 812/OU/1992 filed On 9th November, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta,

7 Claims

A shaft couplinp. t1) for bottom cylinder of drafting units on spinnig machine* comprising :

H first shaft (2) with, a plurality of shaft sections (9, 10, II, 12) of different diameters (a, b, c) at one of its endu <4>, said diameter* diminishing (ownrd sold end, and

2—217 GI/97

a second shaft (3) with plurality of bore sections (7, 8) at one or its ends (5), winch are adapted 10 the rtsptctiv* »h«it sections of different diameters, of the flrs, shait uj to M to Recromoedae insertion or said end (4J of the tirst shaft (2) irno end (5) of the second shaft (3), chiaacieized in ihat, one' shaft section (12) of said first shaft (2) and One bore section (8) of said second shaft (3) have inter-engageable screw threads (13) for competing said shafu in a form-lockng driving power transmission connection, and LWO Unthreaded cylindrical sections (9, 11) of said llrt »haft (2,) and bore ieciions (7) of said second shaft (3) are provided with respective nta for forming centering surfaces end one of laid fits is a clearance fit (14) and the o.her of said fits is a pre»i fit (15). said press fit (15) and said interc-ngeable screw threads (13) being the only frictional connection of the shaft coupling (1).

(Compl. Speen. : 11 Pages;

Drgns. : 2 Sheets)

Cl. : 40 A

179122

Int. Q. : B 01 D 53/36

"AN APPARATUS FOR CATALYTIC CLEANING OF EXHAUST GASES."

Applicant : EMITEG GESELLSCHAFT FUR EMIS-SIONSTECHNOLOGIE MBH. OF HAUPSTRASSK 150, W-5204 LOHMAR 1, GERMANY.

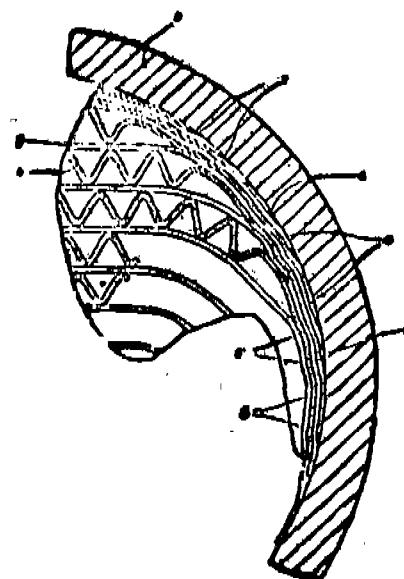
Inventors : 1. IUKGEN BAYER 2. BOHUMIL HUMPOLIK.

Application No. : 188/Cal/1993 filed on 2nd April, 1993,

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Pateht Offic* Calcutta.

13 Claims

'An apparatus for catalytic cleaning of exhaust gases comprising a honeycomb body (1) having a plurality of at least partly structured metal sheets (3, 4) forming a multiplicity of channels through which t fluid can flow and which Arc disposed in a jacket tube (2), said metal sheets (3, 4) having outer edges (6) circumferentially distributed around said honeycomb body (1), whereby &t least some of said metal sheets (3, 4) have straight end sections (5, 5') at least some of said straight end seotions (5, 5'). each ove lap at least one adjacent straight end section, and the outer edge? of both adjacent straight end sections (5, 5') contact said jacket tube (2) such that first capillary cavities (7) extending in an axial direction are formed between the tubular jacket (2) and both overlapping straight ead sections (i, 5').



(Compl. Specn. : 10 Pages;

Drgns. : 3 Sheets

Cl. : 32 E
179123
tilt: Cl> 10°C 08 F 210/16.

A PROCESS FOR PREPARING AN ETHYLENE COPOLYMER.

Applicant : PHILLIPS PETROLEUM COMPANY, OF BARLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

Inventors : Cl) MAX PAUL McDANIEL.
(2) ELIZABETH ANN BENHAM.

Application No. 365/Cal/1993 filed on 28th June, 1993.

Appropriate Office for Opposition Proceedings (Rule 4. Ptutu KU1< 197.i), Patent Office CtJwuta.

15 Claims.

A process for preparing an ethylene copolymer having a density of about 0.91 or less in a particle form polymerization using a titanium-containing catalyst, which comprise* contacting dihydride and at least one other aliphatic olefin in a liquid diluent for example of the type such as herein described with said catalyst and an organoaluminum cocatalyst under particle form polymerization conditions, characterized in that the molar ratio of said at least one higher alpha-olefin to said ethylene is 19 at least about 1:1 preferably in this range of about 1:1 to about 2:1 said polymerization condition include" a temperature of about 100°C to about 100°C, and said polymerization conditions are such that said polymerization is carried out with minimal reactor fouling, the catalyst being prepared by contacting a titanium alkoxide and magnesium dihydride in a liquid to obtain a solution, contacting the solution with a precipitating agent which is an organoaluminum compound to obtain a solid, with titanium tetrachloride before or after contacting the solid with an oil to form a titanium-containing prepolymerized catalyst precursor with an organometallic reducing agent, and washing with water resulting in a solid with a hydrocarbon to remove soluble material.

(Ompl. Sputa. 17 pages;

Drgns. Nil.)

CL : 188 179124
Int. Cl. : C 23C 2/00, 2/14, 2/24.

AN APPARATUS FOR MENISCUS COATING.

Applicant : ARMCO STEEL COMPANY, L.P., OF 703 CURTIS STREET, MIDDLETOWN, OHIO 45043, UNITED STATES OF AMERICA.

Inventors : (1) CHARLES FLINCHUM,
(2) GERALD LYNN BARNEY
(3) GREGORY SCOTT BURGESS
(4) DAVID LAWRENCE KLEIMEYER
(5) LARRY EUGENE PARRELLA

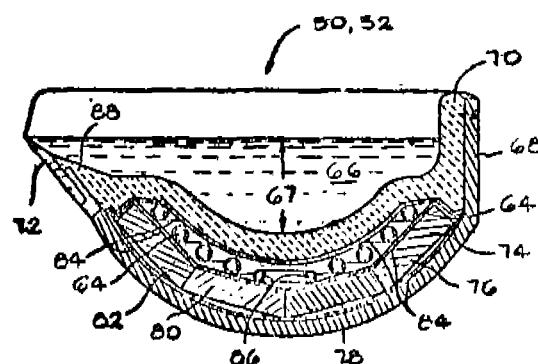
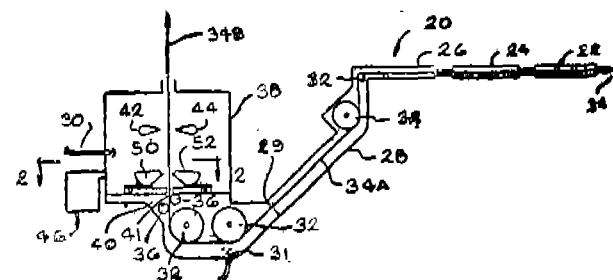
Application No. : «JyCaI/1993 filed on 1st October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4. Patent Rule 3972) Patent Office Calcutta.

22 .Claims

An apparatus for meniscus coating a least one surface of metal strip (34), comprising a furnace (22, 24) for heating the strip, means for moving the strip to the furnace (22, 24) and transversely delivering one side of the said strip to a vessel (50, 52) horizontally disposed containing a body of molten metal situated on the outer side of the furnace, the said vessel characterized in that the vessel (50, 52) comprising a shell (68), a refractory lining (70) the inner surface of the shell (68), an induction coil (64) for inductively heating the molten metal (66), means (74) for concentrating the magnetic flux of the induction coil (64) and a

deflecting lip (72) mounted on the upper surface of the aid* of the vessel (50, 52), the induction coil (64) being positioned below the refractory lining (70) and the concentrating means (74) being positioned below the induction coil (64) and the concentrating means (74) underlying the body of the molten metal.



Compl. Specn. 13 pages;

Drgns. 4 sheets.)

Cl : 12 C & D

48 A-3

Int. Cl. : C 21 D 8/00, 9/00.
H 01 F 1/00.

METHOD FOR PRODUCING A REGULAR GRAIN ORIENTED ELECTRICAL STEEL USING A SINGLE STAGE COLD REDUCTION.

Applicant : ARMCO INC., OF 705 CURTIS STREET, MIDDLETOWN, OHIO 45044-3939, UNITED STATES OF AMERICA.

Inventor : (1) JERRY W. SCHOEN.
(2) FRANCESCO GAUDINO.

Application No. 611/Cal/1993 filed on 1st October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4. Patent Rule 1972) Patent Office, Calcutta.

15 Claims

A method for producing regular grain oriented electrical steel having a permeability measured at 796 A/m of at least 1780 said method comprising the steps of :

(a) using a band which consists essentially of, in weight percent, 2.5-4.5% Si, 0.01-0.8% C, 0.009% or less Al, 0.006 to 0.06% S, 0.006-0.14% Se, 0.01-0.10% Mn with a maximum of 0.024% in excess of that needed to combine with S and/or Se and balance being essentially from and normally occurring residual elements;

|b1 said band having Q, thickness of :

$$>= \text{trcexp}[(K/tr)0.25]$$

where % is the thickness of the band prior to cold Tolling to final thickness, t_f the final product thickness and K being a constant having a value of from 2.0 to 2.3 the thickness o preferably Is 1.6-1.8 mm;

(c) annealing said band at a temperature of from 900— 1225°C (1650—2050°F) for a time up to 10 minutes;

(A) providing Y UM°C in said annealed band of at least 70%;

(«) cold rollir" said annealed band in a single stage to final strip thickn. ,u;

<f) decarburizin^ said strip to a level 'ufllent lo preVrm. magnetic aging;

(g) providing a S-bearing addition on to one or more surfaces of said strip such that the total S provided to the said strip is at least 15mg per square meter;

(h) providing said strip with an annealing separator coating;

(I) final annealing said coated strip for a time and. temprature sufficient to develop secondary recryatualization and provide a permeability at 10 oersteds of at least 1780.

(QJmpl. Specj. 21 pages;

Dxgns. 6 sheets)

Cl.¹: 83 B 2 & 3
185 C

179126

lot. CM : A 23 F 3/00
A 47 J 37/00. 37/04.

IMPROVED ENDLESS CONVEYOR BELT FOR TREATMENT OF PARTICULATE SOLID MATERIAL.

Applicant : FWGOECANDIA FOOD PROCESS SYS-TTpS AB., OF RUSTHALLSGATAN 21, S-251 HELSTNG-JLtpG, SWEDEN.

jjwentore (1) EUGENE B. FISCHER
(2) MARK ST. JOHN NORTH
(3) WARREN D. WINTERSON
(♦) U5JF E. B. JAXMAR
CJ LENNART F. OLSSON
<>W WILS Si SCLANDER.

Application No.'61/Cal/1993 filed on 2nd November,

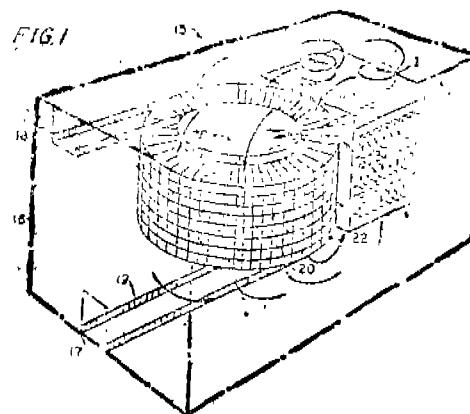
Mmdptim O<cfc Jtor Oppodlon Vpaxdinw (Rule 4,

18 Oainu

. ip^i*P*i*ved endless conveyor belt for treatment of par-
metm&f wild material, comprWng a plurality of conveyor
linij which articulate in »Lch a manner that the endDcsu conveyor
belt can follow a predetermined path, each conveyor
LINEF comprising :

- (a) two spacer members substantially perpendicular to the i<ane formed by the conveyor belt;
- (b) a fixed rod fixedly connected to both spacer members;
- (c) an articulation rod fixedly connected to both spacer members;
- (d) a foraminous bottom member which ia fixedly attached to eithux the fixed rod orthe articulation rod or both, the foraminous bottom member extending at least along a portion of the width of the endless conveyor belt link in a direcion transverse to belt travel, and allowing radial articulation and vertical

articulation of rhc conveyor bell; vrhereln the articulation rod of each conveyor link ia connected to an adjacent conveyor link's spacer members.



(Compl. Specn. 16 pages;

Drgns. 4 sheets.)

Cl. : 32 A 2

179127

int. a. : C 09 B 1/30.

A. PROCeSS FOR PREPARING AN ANTHRAQUIN-ONE COMPOUND.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-6926 FRANKFURT AM MAIN FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) JORG DANNHEIM
(2) WERNER HUBERT RUSS
(3) HARTMUT SPRINGER.

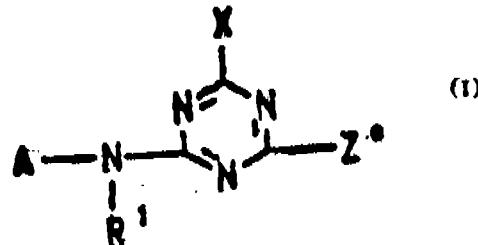
AppUcation No. 752/Cal/1993 filed on 3rd December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4> Patent Rule 1972) Patent Office, Calcutta.

11 Claims

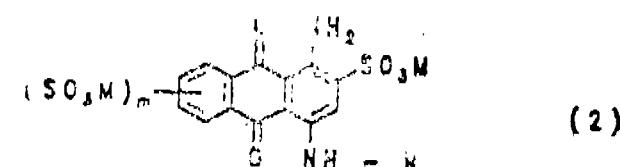
WE CLAIM :

1. A process for preparing a compound of the formula (1)



where

A is a radical of the formula (2)



where

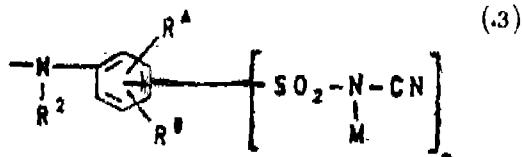
m Is hydrogen or an alkali metal or the mole coulva-
lent of an aBuUb* earth metal,

m is zero or 1 (when zero, the group in question is hydrogen) and
 B is phenylenc which can be substituted by 1 to 4 substituents selected from the following group of substituents : 2 sulfo, 1 carboxyl, 4 alkyl of 1 to 4 carbon atoms and 2 alkoxy of 1 to 4 carbon atoms, or ia naphthylene which, can be substituted by 1, 2 or 3 eulfo groups, or is alkylene of 1 to 4 carbon atomi. or is phenylenealkylene or alkylenephenylene, wherein the alkylene radicals have 1 to 4 carbon atoms and the phenylene radicals are unsubstituted or substituted by 1, 2 or 3 substituents from alkyl or 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms and sulfo, or is cyclohexylene or alklenecyclohexylene or cyclohexylenealkylene or alklenecyclohexylenealkylene, wherein the cyclohexylene radicals may additionally be substituted by 1 or 2 methyl groups and the alkylene radicals are those of 1 to 4 carbon atoms or is a radical of the formula -n'len-D-phen-, in which each phen, identical to or different from, the other, is phenylene which is unsubstituted or substituted by 1 or 2 substituents from the group consisting of sulfo, alkyl of 1 to 4 carbon atoms and alkoxy of 1 to 4 carbon atoms, and D is a direct bond or a group of the formula -NH-! -O-, -SCh-, -CO-NH-, -NH-CO-, -SO₂-NH-, -NH-SO₂- or -SO₂-NH-Saj,

R¹ is hydrogen or alkyl of 1 to 4 carbon atoms,

X is an alkali-detachable radical,

Z^o is a radical of the formula (3)



where

M is as defined above,

R² is hydrogen or alkyl of 1 to 4 carbon atoms,

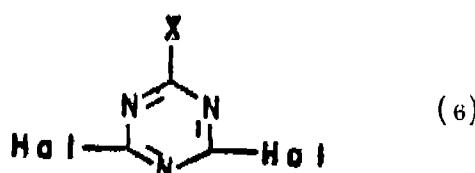
R^A is hydrogen, alkyl of 1 to 4 carbon atoms, or alkoxy of 1 to 4 carbon atoms,

R^B is hydrogen, chlorine, bromine or alkoxy of 1 to 4 carbon atoms, and

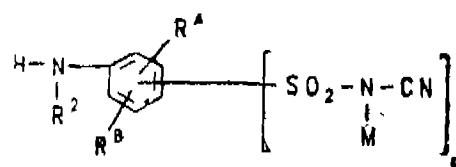
n is 1 or 2,

excepting, however, compounds of the formula (1) in which at one and the same time B is a substitute r,r unsubstituted phenylenc radical of the above meaning, Z^o is 3-cyanoamino, sulfonylphonylamino and n is 1, IUIUJOLILU,,, ^, „; formula (1) where at one and the same time H is alkylene of 1 to 4 carbon atoms, Z^o is 4-methoxy-5cyanoimino sulfonylphenylamino, m is zero and n is 1, and compounds of the formula (1)

where at one and the same time B is phenylenealkylene, alkylenephenylene, cyclohexylene, alkylene-cyclohexylenealkylene or alklenecyclohexylenealkylene of the above meaning and n is 1, which comprises reacting as herein described a halo-siazine compound of the formula (G)



where X is as defined above and Hal is halogen, with an amino-containing anthraquinone comopuHd of the formula A-NHR¹, where A and R¹ are each as defined above, at a temperature between -5°C and +20°C and at a pH between 2 and 10; the resultant mixture then reacted and/or with an aminn compound of the formula (7)



where R¹, R^A, R^B, M and n are each as defined above, at a temperature between 5 and 60°C and at pH between 3 and 9.

Cl. : 128 G.

17912H.

Int. Cl. : B 06 B 3/02.

"APPARATUS FOR ULTRASONIC THERAPEUTIC TREATMENT".

Applicants & Inventors : (1) MICHAEL JOHN RADLEY YOUNG, and (2) BRAIN ROBERT DENIS JETER BKANDNOCK., (1) OF BREMRTDGE FARM, ASHBURTON, SOUTH DEVON, ENGLAND, (2) OF 36 SHENLEY HILL, RQDLETT, HERTS WD7 ENGLAND.

Application No. 120/Cal/93 filed on 25th February, 1991.

(Conventioan No. 9204021.1 filed on 25-02-92 in U.K.),

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

08 Claims

An apparatus for ultrasonic therapeutic treatment of muscular injuries below a body surface or to diagnose bone fracture cyclohexylenealkylene or alklenecyclohexylenealkylene, whereby to generate ultrasonic energy at a frequency in the range 20-120 kHz, a head means (6) adapted to be applied closely to the body surface and adapted to be shaped appropriately for the treatment being given, and means (4) to transform ultrasonic energy to the head means and thereby into the body.

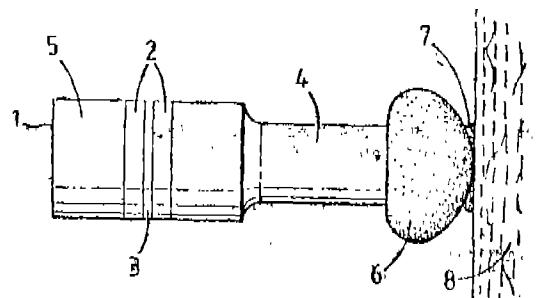


FIG 2

Comp. Specn. 10 pages.

Drgns. 05 sheets.

Cl. : 131 B 3

17912V.

Int. Cl. : E 21 C 37/14.

"A NOSE ASSEMBLY FOR A ROCK-BREAKING APPARATUS".

Applicant : ROCKTEC LIMITED., OF MANGAWHERO ROAD MATAMATA NEW ZEALAND.

Inventor : ANGUS PETER ROBSON.

Application No. 49S/Cal/93 filed on 30th August, 1993.

Appropriate Office for Opposition Proceedings (Rule '4, Patent Rule 1972) latent OMce, Calcutta.

05 Claims

A nose assembly for a rock breaking apparatus comprising a housing (18) having inner and outer pin passages (16, 17), a striker pin chamber (19) accommodating a striker pin (20) and retainer (21), shock absorbing means (22, 23) positioned within the housing (18) on opposite sides of the retainer (21), between extended and withdrawn positions and being slidable with respect to said pin passages (16, 17), an inner end of the striker pin (20) extending into a hammer chamber to which the nose block assembly is fixed whilst the other end of the striker pin (20) extends outside the striker pin chamber, whereby when said striker pin is struck by a hammer within the hammer chamber and penetrates an object, the pin advances from a withdrawn position to an extended position, and in the event of a miss-hit or ineffective hit, shock absorbing means (22, 23) on one side of the retainer absorbs, shock loads.

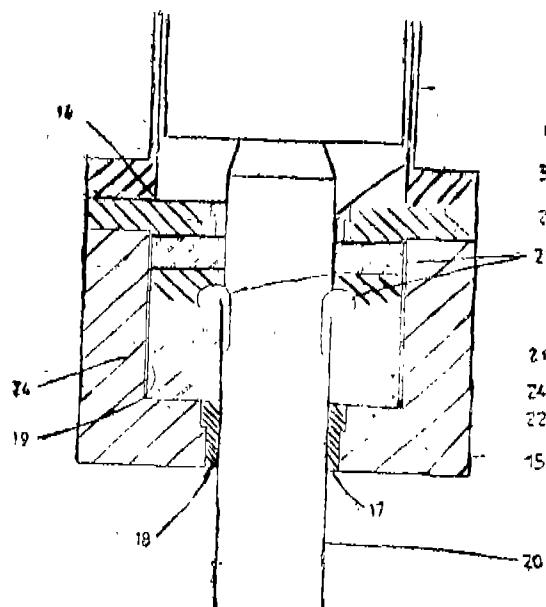


FIG. 1

Comp. Specn. 16 pages;

Drgns. 05 sheets.

Q. : 55 Ei

179130

Int. a¹ : A 61 K 31/765.

"A METHOD OF PREPARING AN EFFECTIVE NON-TOXIC DOSAGE AMOUNT OF PHARMACEUTICAL COMPOSITIN CONTAINING HYALUkUNiC ACID",

Applicant : NORPHARMCO INC., OF 890 YONGE STREET, SECOND FLOOR, TORONTO, ONTARIO, CANADA M4W 3L4.

Inventors : (1) RUDOLF EDGAR FALK,
 (2) SAMUEL SIMON ASCULAT,
 (3) EHUD SHAMUEL KLF.IN,
 (4) DAVID WILLTAM HARPER,
 (5) DAVID HOCHMAN and
 (6) DON PURFCHKH.

Application No. : 272/Cal/95 filed on 13th March, 1995.
 (Convention No. 2,061,703 on 20-02-92).

(Divided out of No. 94/Cal/93; dated 16-02-1998).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta,

02 Qalms

A method of preparing an effective non-toxic dosage amount of pharmaceutical composition for accumulatina the

dosage, amounts in the epideris of the skin and exposed tissue, of human when applied topically to the skin and exposed tissue of a human, each effective dosage amount comprising combining in a manner a* described.

Such as herein described a drug to treat and resolve a disease or condition of the skin and exposed tissue, and a form of hyaluronic acid immediately available to transport the drug percutaneously into the epideris of the skin or exposed tissue to the site of trauma or pathology of the diwim or condition to be treated in the skin pr exposed tissue, wher v the dosage amount of the composition accumulates and r^{ee} mains there for a prolonged period of time wherein the amountoT: a form of hyakuonic acid exceeds 5mfi/cm³ of the skin or exposed tissue to which the dosage amount is to be applied.

(Compl. Specns, S3 pages;

Drgns. 10 Sheets)

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by the AMERICAN TELEPHONE AND TELEGRAPH COMPANY, United Staes <g America, in respect pf Patent Application No. 46/Mas/9ft (175380) as advertised in Part III, Sec. 2 in the Gazette of India on 16th November, 1996 and no Opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments propo/ed by SAVIO SPA, Italy, in respect of Patent Application No. 924/Mas/89 (175416) as advertised in Part III, Section 2 of the Gazette of India on 16-11-1996 and no opposition being filed within the stipulated period. The said amendments have' been allowed.

The amendments proposed by Schubert & Selzer Maschinenfabrik Ak'ienccsellscellschaft of Firedrich-Ebert'Strans. Federal Republic of Germany, in respect of Patent Application No. 405/Mas/90 (176747) as advertised in Part III, Section 2, of the Gazette of India on 28-12-1996 and no opposition being filed within the- stipulated period. The said ameril-merits have been allowed.

RENEWAL FEES PAID

164016	164404	168444	169777	169778	169779	168638
177362	177382	177367	177375	177369	171978	177085
169693	169676	174546	163305	173244	173429	172466
160869	164365	167565	166613	J67563	164987	167377
166798	169695	169691	177377	177373	177394	168115
168659	174715	169680	176228	J67696	169472	171560
177439	177387	165489	176763	170895	161433	172509
161652	165105	169905	175096	169531	160674	169119
165614	J72560	171952	174744	169566	165077	176976
160651	171586	170691	176733	165135	167704	169414-
169940	174289	168033	170194	173149	160789	167192
169800	167408	171174	173373	171832	167674	164376
165263	165618	165619	164384	164956	165101	166699
166700	169935	166013	169418	174307	170217	171836
171848	169797	172259	J65261	165095	174492	172125
171585	176813	174372	171668	160917	175676	1714,36
175675	168591	171906	174081.			

PATENT SEALED ON 01-08-97

177465+D	177502*	177506	177508*	177514	177516	177517*
177518	177521	177524	177511+	177532	177533	177536
177539*	177544	177545*	177551	177552	177555	177556
177558	177560	177561	177563	177570	177575*	177580*D
177588	J77589	177594	177595	177597	177598	177599
				177600.		

CAL-35, DEL-01, MUM-NIL, CHEN-NIL.

"Patent shall be d^{ee}-med to be endorsed with the worda LICENCE OF RIGHT Under Section 87 of the Patent Act, J970 from the date expiration of three years from the date of sealing.

J> (Drug Patents.)

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section SO of the Design* Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Ctaas 1. No. 172709. Eicher Motors Ltd. 102, Industrial Area No. 1, Pithampur-454 775, Distt. Dhar (M.P.), India an Indian Company, "SCHOOL BUS". 27th November, 1996.

Class 1. No. 172798. Hunt Automotives, a proprietorship firm whose proprietor is SHALINI JUNEJA having office at 78/80A, Gali No. 15, Vishwas Nagar, Delhi-110 032, India, Indian national of the above address, "BOX", 11th December, 1996.

Owo 3: No. 172754, Shakir Ahmed, trading as MOULD-WELL INDUSTRIES, an Indian proprietary concern, 4761, Chowk Ahata Kedara, Bara Hindu Rao, Delhi-110 006, India, an Indian. "CHILLI CUTTER", 3rd December, 1996.

Class f. No. 172728, Technology Plastics Ltd., a body corporate registered under the provisions of Comp. Act, 1956. situated at No. 10, Heddows Road, Madraa-600 006. Tamilnadu, India, "BOTTLE", 29th November, 1996.

Claw 3. No. 172935, Korrapolu Adinarayana citizen of India, trading as SRI RAJYALAKSHMI SLATE WORKS, 7/297, Nehru Bazar, Markapur-523 316, A.P., India, "WRITING SLATE", 7th January, 1W7.

Class 3. No. 172481, Mehta HWA FUH Plastics Pvt. Ltd., of Cbemox House, 2nd floor, 7 Barrack Rd, Mumbai-400 020, Maharashtra, India, "PAPER STORING CASE", 30th October, 1996.

Class 3. No. 172483, Mehta HWA FUH Plastics Pvt Ltd., of Cbemox House, 2nd floor, 7 Barrack Road, Mumbai-400 020, Maharashtra, India, "BUSINESS CARD HOLDER", 30th October, 1996.

Class 3. No. 172498, Classic Bjowtechnlk Pvt. Ltd., of Plot No. 669/2, Sector 29, Gandhinagar-382 029, Gujrat, India. "BOTTLE", 30th October, 19M.

Class 3. No. 171502, Reckitt & Cbhnan Inc., a Delaware corporation of 225 Summit Avenue, Montwalo, New Jersey 07645; U.S.A., "ANGLENECKED BOTTLE", 12th June, 1996.

Class 5. No. 172751, Zorex Tics Mfa. Co. Pvt Ltd., an Indian Company, Zorex House, A 105, Wazirpur Group Industrial Axda, Delhi-52, India, "TIE BOX", 3rd December, J996.

Class I. No. 171099, Andrew James Jerrard Boyden, of East Wing Office, High Hall, Winborne, Dorset, BH 21 4 HY, England, a British national, "COL-LAPSIBLE RIBBON CHANDELIER", 15tfi April, 1996,

T.R. SUBRAMANIAN
Controller General of Patents, Design &
Trade Majto

प्रबन्धक, भारत सरकार मुद्रणालय, फरेंडावाड़ बूलारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1997

MIVTFH BY THE MANHOm, OOVeRNMBtn CF INIHA MIBM, FA>IIH>D,
AND UrTUTIED KT TUB COKTVOLLU OF rVM-KATIOMB, DBLM 1 91.